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190 210 230
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A L R I A L P E K D H E A F L S S V G A
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850 870 890
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A D L L D D R R S R R F Y A G L L W A V
910 930 950
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A R G E L P A Q Y L F A V L M R V I R D
970 990 1010
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Y T D G H L T R P G A Y L V K T L K E A
TCCTGA
S *

Fig. 2

1 CTATAACGGCCTTTTAGGAGGGGGGATTGCCAGCCGCTGGGCTGACGGTTATTTTGGACC
61 CATAAAAAGGCGAAACCGAGGCGGTTGCCCCGGATCACCCCAAGACCTAGGGTAACGCC
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M K N E K T F F...(RepT)

008T60" 98T49560

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121	ccggcattgg	ccacgaggta	cgagcttgtg	gagtagacgg	ccacaaaggg	gtcgtcctca
181	aacttctttt	ctagtgcgcg	ttggacgaag	gggaggaaga	ggaaaggctt	catggcctca
241	cctccttccc	ctcctccttg	gcggccttag	cggcgtaaaa	ctctgagacg	gcctgaagtt
301	tagggatttc	gctttcgggg	ataagaatcc	ggcggctcag	gggatgccgg	atggccctta
361	tcctgccgtc	ccttatgtac	tcgtaaattg	tggcctttgg	tactttaaac	cgttctgaaa
421	cttctctaac	agagagcaca	aaacctctaa	aaacctatca	atcccacga	ttccagtata
481	ccataaatgg	cacaaagttt	tgagaaggtg	gtcaacaacaa	aaggctttct	cggtcagggt
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1981	ctcgtcaagc	ttctccgggg	gatagcgcca	atgccgtcca	ggagggggaa	gtattcctcg
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2101	gtaccgttcc	ccgtttctcg	ctacaaagg	gaaaagccta	gcgatctcct	cttccgaata
2161	ggggctagcc	gattcggttc	aaacgtagtc	ccgcgttttg	gagtagagga	ggatcatgtc
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2281	atggttaacg	aagtttcgcc	ggccaaagac	ctcatcaagg	atgagcttca	cctcgaaacc
2341	gtattttctcg	tctatgtgaa	cgaagatcag	tcttgagtcc	gccatcagct	cctcgagaag
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2461	caactgaccg	tttttgggct	ggctgacggg	agcaacgcga	tctgtttcat	cgccgccaac
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Fig. 3 (continued)

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4561	gtttatgtcg	gttttatgca	cctttgactc	ggatcacggg	cataaacacc	agtttcttgc
4621	acgaaagaaa	actttcgcga	tctaagaggg	ggaaagaggt	gtagaggggc	ggccttcatg
4681	aaagttaggg	tcttaggagg	ccgttgtaga	gggccgtctc	gggttcaa	cctttccctc
4741	tctctccagg	tttccgaggt	tcgaggtctt	ggtccaggtc	ttgtaccaag	tttttgacca
4801	aagtctattc	tcggaatata	ggggtatctt	gtctatcttc	cctacgggat	atctctgtct
4861	gtgtgaactt	gatcccatcc	caatacatat	ctcaatctcc	taatctcttc	ttctctccag
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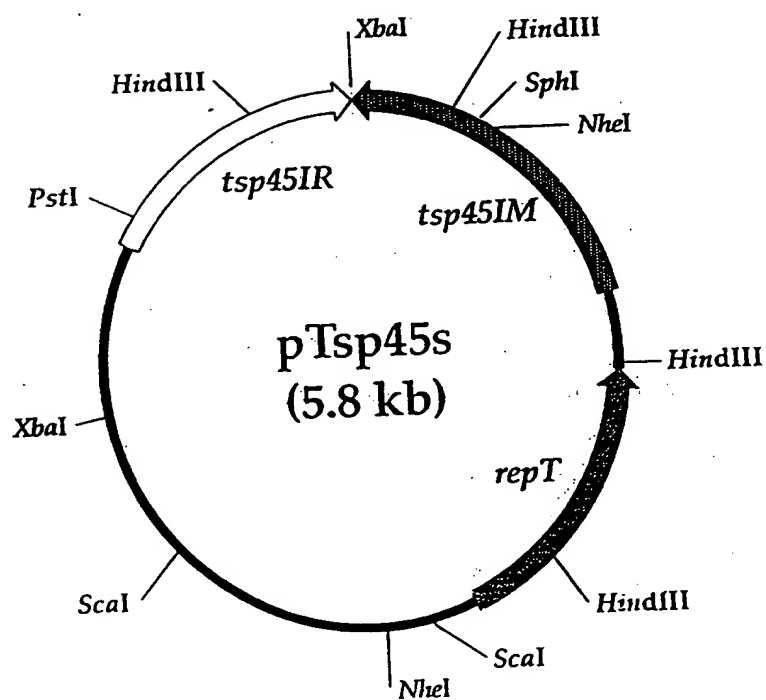


Fig. 4

Fig. 5

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61 CTGGCCTGCTTCCTGGCCGAGCGGGGCCCCACCCTGCTGGTGGACGGGGACCCCAACCGC
L A C F L A E R G P T L L V D G D P N R
121 TCCGCCACGGGGTGGCACCGGAGGGGAGGCCTCCCGGTGACCGTGGTGGACGAGCGGGTG
S A T G W H R R G G L P V T V V D E R V
181 GCGGCCCCGTACGCCCCGGGAGCACGCCCACGTGGTCATAGACACCCAGGCCCCGCCACG
A A R Y A R E H A H V V I D T Q A R P T
241 GAAGAGGACCTCCGGGCCCCCGCCAAGGGGGTGGACCTGCTGGTCCCTGCCACGTCCCCC
E E D L R A L A K G V D L L V L P T S P
301 GACGCCCTGGCCCTGGAGGCCCTCCTGGCCACCCTGGAAGCCCTGCGGGGGGCGGAGGCC
D A L A L E A L L A T L E A L R G A E A
361 CGCTTCCGGGTCTCTCTGACCATGGTGTCCCCCGCCCCGAGCCGGGACGGGGAGGAGGCC
R F R V L L T M V P P P P S R D G E E A
421 CGGGCCCTCTTGGGGGCGGAGGGCGTTCCTCTTTCACAGGCTGGGTGAGGCGGGCGGCA
R A L L G A E G V P L F T G W V R R A A
481 GCCTTCCCCAAGGCCGCCCTCCTGGGGGTGCCTGTCTACCGGGTGCCCGACCCAGGGCG
A F P K A A L L G V P V Y R V P D P R A
541 AGGCTGGCCTGGGGGACTACGCGCGGGTGGGGGAAGAGCTCCTGAAGGAGGTGGGGGA
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601 TGA 603

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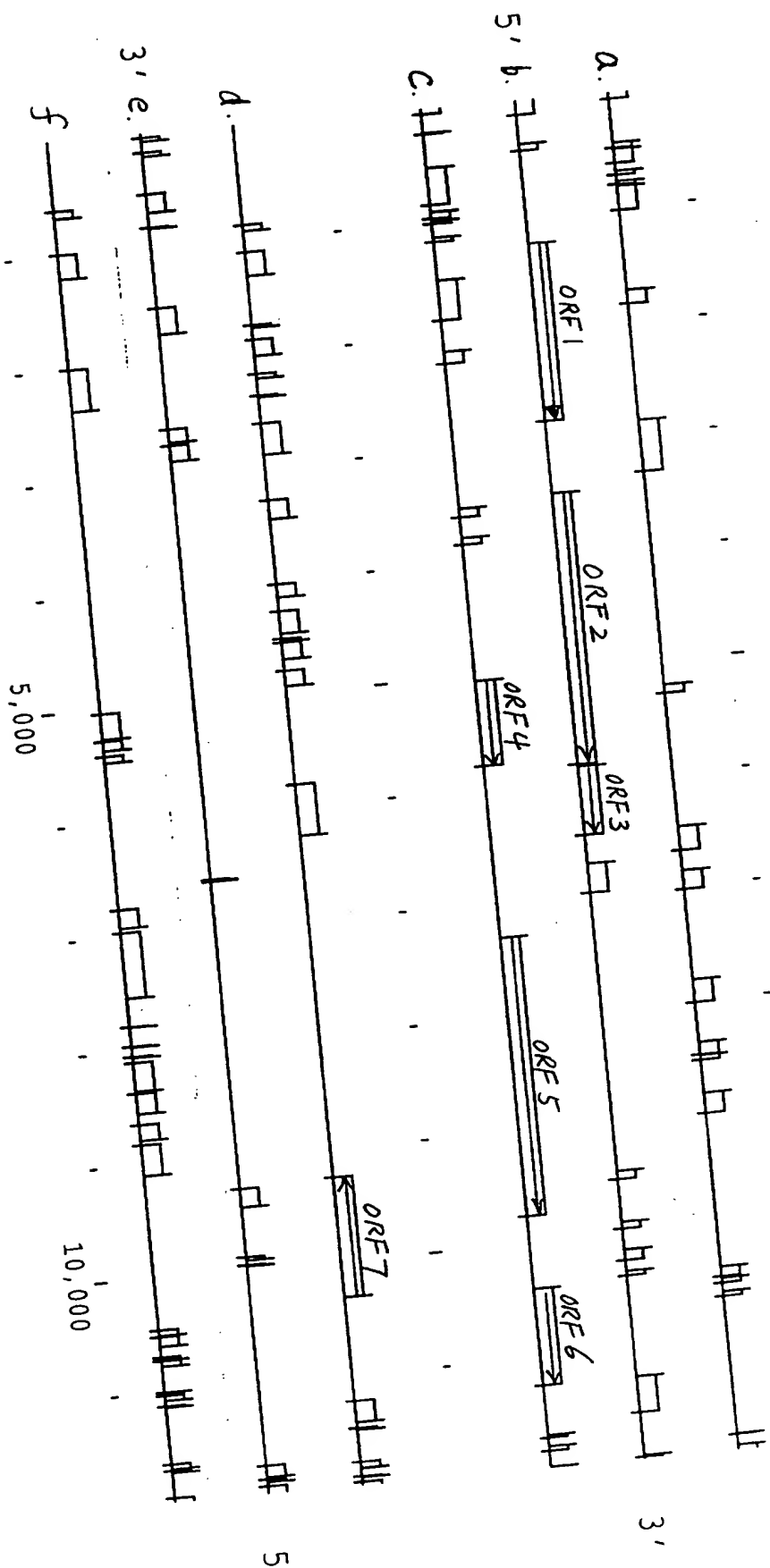


Fig. 6

[illegible]

	CTTATACACACAAACTATACAGCTCTCTATCGGGCTTTTCCTTAGCGCCATGTAAAACACC	
1	-+-----+	60
	CCTCCCATCTCCGGGTGTTTACAGCGGATAAGGGAGGTTACAGCGGAACCTTTTCCCCTTG	
61	-+-----+	120
	TTGAAACTTTGGGGTCTGAGGCTCAACAGCAGAACAGCTTAGGTTGACTCAACACAGCTC	
121	-+-----+	180
	ATAAGTCCCTTCATTATCGCCTGAGTCAACCTATGAGTTAACCTTTTTTCAAGAAAAAGA	
181	-+-----+	240
	GATAAGTGAGTTTGTCTCTAGCACGACTTTTCTTTGAGTCAACCTCTGTGCCGACC	
241	-+-----+	300
	CCCCGATTTTGAGTCAACCCCCCTTTGAGCCGAAACTTTGTGCGCAGGGGTGACTC	
301	-+-----+	360
	AGGGGTGACTCAACGCGAATGGGCTCTGGAAGGGGCTGAGCGGACCCCTCCCTOGTGT	
361	-+-----+	420
	GCGACCCCCGCTGCCTATGAGCAGGGGGGAAAGTTACGGGAAAGTTCCCCAAGTCCC	
421	-+-----+	480
	CCTTGACAAAAGATGACAATCGAGTTAATGTACAGCGATGCGTCACTCAOCTCTGGCTG	
481	-+-----+	540
	GGCTCACCCAGATGCGTGGCGAAGCTTTAGAGCTCTCTTGATTCCTGGCCAGGGAGG	
541	-+-----+	600
	GGGCTTACCCCACTGGTGTAGAGCTGGCCAGGTGCTGGGGCGCAGCCGACGCCACGT	
601	-+-----+	660
	GGGCCATGCTCAGGGCTTTGAACCGTCATGGACTGTGGAACGGCACGAGGGGGTCTATG	
661	-+-----+	720
	TTCTGACCCCTCGGGGCTAGAATTTGCCAGGACCTGGGAAACACCGTGTGGGCTGGGG	
721	-+-----+	780
	ATGAGGAGGTACAGACGGGTTACAGCTGCTAGGAGTGGTTCATGCCGCGAGGACAGGC	
781	-+-----+	840
	GCTGAAGCTTTTGAGCCGGGGGCGCTCAACCAAGGCCACCCGGCTCCTCTCCCCTGGGAT	
841	-+-----+	900
	CCCAAATGGATCCCTCAGCGCCATTTATCTCTGGGGTCTTATAGCGCAAGGAGGTAGT	
901	-+-----+	960
	GGTGAACGAAACACACAAATGTTTCAACCCACCTTTTGATGCGGTAGAGGAGCTCGCTCG	
961	-+-----+	1020
	CCAGATTGCTGAAACCGCTTAACAAGGCTTATTCAGCCATTTTCAGGCAGATTGTCAAAGT	
1021	-+-----+	1080
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1081	-+-----+	1140
	CGAGGAGCTTGCCACAGCGCTGAGGGAGGTGAGGGAAGCCCCCGCCCCATTTCACCGC	
1141	-+-----+	1200
	CGCCCTCAAAAAGGCCCTGGCCATGGCCCTACAGGGCGGACCTTCGCCGAGATGCCCC	
1201	-+-----+	1260
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1261	-+-----+	1320
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1321	-+-----+	1380
	CCCTCGTTACGGACCTACGTGAGGAGGTGGAGGAGATCTGGACCTCCCGGAAGGCGC	
1381	-+-----+	1440
	CCTTTGCGGACGACTACCCCGCTGGGGTTGCCAAAAATATTGGAAGGTGTTGAGGGGAA	
1441	-+-----+	1500
	AGATGCCCCCTTATCCCGGGTTACCGGACCTTCCTGGCGTGGCCGCCCTGGCGCGCTA	
1501	-+-----+	1560
	CGGCCGCCCGTGGGATGATCTCTCCCGACGAACAGGAGGCCCTTCGGCGCGAGGACGA	
1561	-+-----+	1620
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1621	-+-----+	1680
	TTTTCGGCTTTCTTTGACGAGTGGCCAACTGAGGCTCGCAAAGATGGGAGGACTACGA	
1681	-+-----+	1740
	GCGCTATGCTCATCGGCACCTGGGAGCATCGCGCGGTGCAGGCGGCGCTTCGGGGCGC	
1741	-+-----+	1800
	ACCTCTCGCTCCCACGACCGTGGGACGGAAACGCTCGAGCGTGAGCGGATACTTATAGA	
1801	-+-----+	1860

Fig. 7 (continued)

1861	ACTGTTCTACGGCTACTGTGTAACGAACGGGGCTCGACAGCAACGCGTTGAGCCTCGC	1920
1921	CCTCCTCAGACCTGGAGCTCGTCCAATCGTACCTGGAGTGGCGCGTGAATAGGTACAA	1980
1981	GGACGAGGATTTACCCCCCGTTACTCGATCGGAATACATGTTTATCGCCCTGGTGAAAAA	2040
2041	ACTCCACAGAGGTTATCTCCGCGCCCTTGGGCTTGGGGTAGACCCGGACGGGGTGAAAGA	2100
2101	GCTGGAACGGAACTGAAATCGCCGAATTGATGTCAAGGACGGCTACCACGCGGTGGA	2160
2161	GCCCCCTCTGGAACTCAGAGCCCTCCGCTGGGTGCTGGATGGCATCCGGCTCATGCT	2220
2221	CCGCGATGCGGCGGGCGGGTAGGCAACCTGCTGACACCCAAATCCCCACCGCCAAAAG	2280
2281	CGAAGCGGGGGAAGCGTTCCGCTCTACCGGGAAGTCTGCTGCTTTGGATGATGTTGGG	2340
2341	CCACCCCTCCGGGCGAAGCATTACTACGAAGCTCGCTTGGACATGAGCCAGTTCCAAGA	2400
2401	CGGGGATTTGCTTCCCGGCGGGGACACGTGGGGGCGGCGGGGAGGGTACTACCTGGC	2460
2461	CTACCGCAAAGTGGAGTTCAAAAACGCCGAGGCCAGGTCTTTACAGCCCTCCAGGACCA	2520
2521	CGATCTCGTCACGTTCCCGCTGGACGACCCCGAGCACCTGTCTGGTCTCGACGTGAA	2580
2581	CGGGATGCGGTACTCCCTCAAAGAGCTCTTTACAGTCTACCTGCGCACGATCCTCTCCCG	2640
2641	CCTGGCCAGGCCCTGGGCGGACCGGTCCCTCTGCCCCCTGTTTCCGGGTGCCGATACG	2700
2701	AGGCTCAGACTTGGGCACATCGTTGCGAGGCGCGCCCTACGTGGCGCGCGTGCCCGGG	2760
2761	GTACCCAGAACTTTTGCCCTTCGGCCCCCACTCCATCCGCCACGTGGTGCCACGGAG	2820
2821	GTCGTGAAGCGCACGGGCTCTTTGAGGCGCGCCCAAAGTCTCTGGATAGCATAGAC	2880
2881	ATGGTCTGTCGACATTACGCCCCGTTCGTTCCCGCGACCGTTAACAGTACCGTTGGCGGG	2940
2941	CTAACGCCCGCGCCCGGGGAGGTGAGCGGTGAGGGACCTCCAGACCTTTTCTGGCCCCG	3000
3001	GGTGGACGAACTGGTGCCGGAACCTCTACCCGGGCGCGCGGGTGGGCGACGAGTGGCG	3060
3061	GGCGGGCTCGGTCCAGGGGAGCGGGGCGACAGCTGGCCGTGGACCGCGGGAAGGGCTT	3120
3121	CTGCTCGTCCCAACCCCTCGCCCCCGAGCCCCCGGAGGGAAACCTCTCAGCTGAT	3180
3181	CCAGGCGGCAAGGGGCTCTCCCCGAGGAGGCCCGGCGCTGGGCCAGCAGTGGCTTGG	3240
3241	CCTCTCCCCCTTCGCCAAAGGTCAGGCGGACGAGGAGCTCAGGACCAAGGCTTTGAGTAC	3300
3301	TCAAGTGGTGGGAGCTCGGGTGTCCAGTCCCTGAGTCTTCAGGTTCACAGGTACCTGA	3360
3361	GGAGTCGGACCCCTTTGACAACCCCGCTTCCGGGACCTCTCACCCCCAGGGGCGAGGA	3420
3421	CGAGGCCCCCTTGGCCCCGGCCCTCCGAGGAGGTGCTGCGGCGCATGGTGTCTAGGCTTCT	3480
3481	CCGCACCCCCGAGGCCGTGGCCTACCTGAAGGGGCGCGGTCTGGATGCCCGGGTGGTCCG	3540
3541	CCGCTTCTACCTCGGCCTGGACGACACCGCGGGGCCACCGCCGCTGGTCTACCGGT	3600
3601	GATAGGGCGGACGGCTCCCCCGTTCCGCCACCTCTACTACGAGATCCCCGGCTCAC	3660
3661	CCAGGGCGCCCCGGGCAAGGGCTGGGGGAGGGGAGGCCACCAGCTACTGGGCCCTCCC	3720

Fig. 7 (continued)

3721 -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
 CTGGGCCCTCTGGCTCCACCTCCACGCCAGCCCTGGGGCCAGGACCTGGCGGTGGTGAC
 3781 -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
 CTCCAOGCACGCTCCGCCCTCCCGAGGCCCTGGAAAGACCCCTGTCTCGGGCCCTTG
 3841 -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
 GGAGGAGGTCTACCTGGGCCAGGACGCGACTCCGCGGGCGAGGAGATGGCCCGGAAGGT
 3901 -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
 GCGGAGGTGGCGAGGCGCCCGCTCCGCGCGCTCCGGGTCCCGAGGGGATGGGGAAGGA
 3961 -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
 CTGGACGGACTACTTCTTGGCGGGGGCACCCCGAGGGCTTGCGCTCTCTCTGGAGGG
 4021 -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
 AGCGGAGGTCTGGGAAGAAGAAGTGGCTGGAGGTGGGGCCAGGATCCAGCTCCCGGACCC
 4081 -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
 CGTGGACATCCAGCGGGGCTCTCGTGGGGGGCACCTCTACGTCCCGTGGGGGTCTTGA
 4141 -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
 GAACCGGGGGGAAGAAGGGGCGCGCTACCGCACCGTGGTGGTCCGCTCCGACGGGGCGGT
 4201 -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
 CCTGGGGCTGGGGCTACTTGGCGGGCCCGCGCGCACCCCTTGAGGAGACGGGTGCTGGC
 4261 -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
 CGTGGACGACGGCACCATCATCCGAGGCCCGGGAAGGCGCGCGCGGGACCTCGTGGAA
 4321 -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
 CGGGGAGGCCATCAACCGCTTCTTGAAGCCCGGGCCCGGGAGTGAGCGCATGACGT
 4381 -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
 GGCCCCCGGGACCTGCGTGGGGCTCATGCTCGCCACCTCCGCCAGGTGATCTCCCCAG
 4441 -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
 TGAGGACGGCTACTCTCTGGCGGCTTAGGGGTCAAGCTCTACGTGCAGAGCGTCTT
 4501 -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
 CGACGCGGTGCCCCCTCTTCTCTGGTGGGGCCCGCGGGCTGGGGGAAGACGGAGTTCCG
 4561 -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
 CCGCTCATGGCCGAGCTGGGGGGCAACGGCGTGGTGATCACCGGCCAGACCTCCGCGC
 4621 -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
 CACCGCCCGCCCGATCATCGACGAGACGGGGGGCTGGTGGCTTCCAGACCTGGAGGA
 4681 -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
 GGTGCGCCAGCGGTCCGGGAGCGCTGAGGCTCCAGCTGGAGCAGTTCTCAAGGTGTC
 4741 -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
 CTACAAGAAGGAGACCGCGGTCAAGAGCTGGACGGACACCAAGGGGATCGGGGTCTCAC
 4801 -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
 CCTCAACTTCTTCCGGGTCAAGGTGATCAACAACCCAGGGGACGGGGGACATCTGGG
 4861 -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
 GAGCCGGATGCTGGTCACTCCGACCGCCCGCTCCGGGACCTGGGCAGAGGGGAGGAGCG
 4921 -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
 CCGCCCCGAGGGGCTCTCCCCCGAGGCCCTCCAAGAACTCCGGGACAACTCTACATCT
 4981 -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
 GGGCCATGGAGAACCGCGCCAGCCTCCACGCCCTGTACCGGGAGCGCTTCGCGGGCAAGG
 5041 -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
 GGGAGCGCTGGACGAGATCGCGCCCGCTTGCGTACCATCGCCACCACCTGGGGGACG
 5101 -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
 AGGAGCTGGCGGCCCGCTGGAGGACGCGCTCGCGCGGACGGAAGGGCGCTGGAGGAGA
 5161 -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
 CCTTTTCGATGCGAGGTGGTGGAGACCGCCCTCAAGGAGGCCATCCGCCAGGGCTACC
 5221 -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
 GGAGCCACGTGGCCCTGGTCCACGTGATCTTCCAGGCCCGGAAGATCTTCGGGGACGACT
 5281 -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
 GGGGCCGGGAGCGCACCGTGGACATCCCCCGGTGGCGGGACCCCAAGTGGGTGGGGCAGA
 5341 -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
 TCGCCAGCAACTACGGCTGGGCGGGCCCCAGAAAGGCCCGTGAGGCCCGGCTTTGGGACA
 5401 -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
 AGCAGTTCGCATCATGCGCTGGAGCCCACTTCTGAGGAGCGGGTGGTCAGGGGCTTCC
 5461 -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
 TCCAGGAGGGGATCCCCCTGGAGCCCTGAAGCAACCCCTGGCTTCTGCCTGGACACCC
 5521 -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+

Fig. 7 (continued)

5581	CTGCGCCGAGTGCCTTACCTGCACTGGTGGGACCTCCGGCCTGACAAGGAAAAGTGGCT	5640
5641	GGAGCGCTACGGGGAGGCCAAGCTGGCCCAGAAAAGGGGGAGCTGGAGGAGGAGTTT	5700
5701	GGCCCTGGTGGGGCCCCAAGATGGCTTGGCTCCAGGCTTCCGCGAGGAGGAGGGAGA	5760
5761	CCGAGGTAAGCACCAAGTACCCAAAGTACCAAGACCTAAAGCCTCAGGTACCGGAGGA	5820
5821	CCTCGGGGACGGAGACCTAAACCCCAAGGGCGTGAAAGACTGAGGTGAGAGGGATGAT	5880
5881	CGTGGCTGTACCGGCTTCAAGGGAGGGGTGGGAAGACCACCAAGGCGGTCCACCTGGC	5940
5941	CTGCTTCTGGCGAGCGGGGCCCAACCTGCTGGTGGACGGGGAACCCAAACCGCTCCGC	6000
6001	CACGGGGTGGCACCGGAGGGGAGGCCCTCCGGTGACCGTGGTGGACGAGCGGGTGGCGGC	6060
6061	CCGGTACGCCCGGGAGCACGCCACGTGGTCTAGACACCCAGGCCCGGCCACGGAAGA	6120
6121	GGACCTCCGGGCCCTGGCCAAGGGGGTGGACCTGCTGGTCTCTGCCAAGTCCCCCGACGC	6180
6181	CCTGGCCCTGGAGGCCCTCTGGCCACCTTGAAGCCCTGGGGGGCGGAGGCCCGCTT	6240
6241	CCGGGTCTCTGACCATGGTGGCCCCGCCCGAGCCGGGACGGGGAGGAGGCCCGGGC	6300
6301	CCTCTTGGGGGGGAGGGCGTCCCTCTTTCACAGGCTGGGTGAGGCGGGCGGCACCTT	6360
6361	CCCCAAGGCCGCCCTCTGGGGGTGCCCTGTCTACCGGGTGCCCGACCCAGGGGAGGCT	6420
6421	GGCCTGGGGGACTACCGCGGGTGGGGGAAGAGCTCCTGAAGGAGGTGGGGGATGAGC	6480
6481	AAGTTCCGACGCTCTCAAGAGGTCAAGGAGAAGGAGGAGGCCCTCCGGGGAGCGGCCT	6540
6541	CGGGGAAGAGCGGGCGGGAGGACTACGTGGCCATGAAGGTCTACATCAGCAAAGAGCTT	6600
6601	CACCGGAGGCTGAAGCTGAAGGCCCTGGAGGAGGAGAAGGAGCTTTCGGAGCTGGTGGAA	6660
6661	GAGGCCCTGAGGAAGTTGCTGGTGTGACCTCCTCCCGCTGTAGAGCGTGAAAAGGAGG	6720
6721	TAAGACGATGGTCAACCTTAACAAATCGCCCCTAGAAGCCCTCTACGCGGGCCACTCCCC	6780
6781	CCAGGAGGCGGGCGTCTCTTCGAAGCGCCTGGTCCGCAAGATATTGAAGGAACCTCCACC	6840
6841	CCATCTGGAGCCAAGAGTTCTGGTGTGACCTCCTCCCGCTGTAGAGCGTGAAAAGGAGG	6900
6901	GGCTCAGGGCCACGACATCGGCGTGGACCTGGTGGGCTACGGGAAGGACGACAAGGTCT	6960
6961	ACGCCATCCAGGTCAAGCTGTGGGATAAGCCCCCTCTCTTGAAGGACCTGGGGAGCTTCG	7020
7021	TGGGGGTGGTGAACCAACCCGAGTACGGCTTCGACCAAGGGCTCATCGTGGCCCAAGAG	7080
7081	GCGTGACCCAGGAGGCCGACCGCCAGCTCCAGGGCTACCCATCACCATCCTGAGCGAAG	7140
7141	AGGCTCTCTTAGAAGACCTGGACCTGGAATCCCTCGTTCAGACCGCCCCGAGGAAGCCC	7200
7201	GCAGGCGGGGAAGAAGGCCCTCCGTAAGTACCAGCAAGAAGCCTTAGAGGAGGTGGCCA	7260
7261	AAGCCTTCTTAGAGAAGGGCTGCCCCGGGGCAAGCTCATCATGCCCCGGGCACGGGCA	7320
7321	AGACCCTGGTGGCCCTCAAGATGCGCGAAAAGGTGGCGGGCCCCGGGGGAGGGTCTCT	7380
7381	TCCTGGCGCCCTCCATCGCCCTCTGGACAGTCCCTCAGGGCTGGGCGGCGGAGGCTT	7440

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Fig. 7 (continued)

	(continued)	
	CCTTGCCTTGCGCCTCTTCGCGGTGGTCTCCGGACACGGGGCTGGGCCAAGACCTCGGAGG	
7441	-----+-----+-----+-----+-----+-----+	7500
	ACGACCTCTCOGCCCTCTCCCCTCTCATCTCCTACCACCAAGCCTGAGGAGCTGG	
7501	-----+-----+-----+-----+-----+-----+	7560
	CCTCCGAGGCCAAGACGGAGAGTCAAGGAGGCCCTCACCGTGGTCTTTCTCCACTTACCAGT	
7561	-----+-----+-----+-----+-----+-----+	7620
	CGCGCGAGGTCTCGGAGAGGGGCCAGAAGGAGCAOAGGGCTTCCCCCTTTTGACCTGATGA	
7621	-----+-----+-----+-----+-----+-----+	7680
	TCTTGGACGAAGCCACCGCACAGCCACGGTGOAGGGCGGGAGAAGAAAGCCCCCTTACCA	
7681	-----+-----+-----+-----+-----+-----+	7740
	AGGTGCACCAAGACCACTACGTGAAGGCCCGCCACCGCTCTACATGAAGGCCACGCCCA	
7741	-----+-----+-----+-----+-----+-----+	7800
	GGATCTGGGAGGTGGAGGGGAATGGAGAGAGGGGGCAAGGGAAAAAGCGGGGAAAAAGA	
7801	-----+-----+-----+-----+-----+-----+	7860
	AGGACCTCTCAGAAAGAGGTTCTCCTCCCCCTTTTGACCTCGGTGCTCTCTACCGAGG	
7861	-----+-----+-----+-----+-----+-----+	7920
	ACTCCACGGCCCCCGAAGGGGTGGAACCTCTGGTCTACTCCATGGACAACGAGGGGATCT	
7921	-----+-----+-----+-----+-----+-----+	7980
	ATGGCCCCACCTCTACGAGTACACCTTACCCOGCGCGTGAAGGAGGGCCACCTGAGCG	
7981	-----+-----+-----+-----+-----+-----+	8040
	ACTACAAGGTCACTGCTCTCTCCGTGGCGGAGGAAGCCCAAAGGACCTGGCTCTCTACC	
8041	-----+-----+-----+-----+-----+-----+	8100
	TCCAGGGACCCGAGGCCCTCAAGGTGGAGGAGGCTCTGAAGGCCCTGGGCCCTGTGGAAGG	
8101	-----+-----+-----+-----+-----+-----+	8160
	TCCTCCAGGGGGAGGTGCGGGACGAGGAGGGGAACCCGATGGGGGGCTCGACCTGCGGA	
8161	-----+-----+-----+-----+-----+-----+	8220
	GAGTCATCGCTTCAAGCGCGGGTGAAGGAGTCCAAGGAGATGGAGGAAGAGTTTACCA	
8221	-----+-----+-----+-----+-----+-----+	8280
	AGGTGGCCCTCGCTGCCCAGCAGGCTGGCTCCTTCCGAGGAGCTCCGGCGGGTGGAGG	
8281	-----+-----+-----+-----+-----+-----+	8340
	TGAAGCACATAGACGGGCAGATGTCCGCCTATGACCGGAAGCGCTCTGGACTGGCTTA	
8341	-----+-----+-----+-----+-----+-----+	8400
	GGGAGAACGTCCCCGAGGGGGAGGTCCGCCTCTCACCAAGCCAAAGTCTCTACCGAGG	
8401	-----+-----+-----+-----+-----+-----+	8460
	GGATCGACGTCCCGGCCCTAGATGCCGTGGCCCTTCATGCGTCCCGGGACAGCGTGGTGG	
8461	-----+-----+-----+-----+-----+-----+	8520
	ACGTGATCCAGGCCGTGGGGCGGCCATGCGCAAGGCCCGGGCAAGGAGTACGGGTACG	
8521	-----+-----+-----+-----+-----+-----+	8580
	TGGTCTCGCCGTGGTGGTGAGGGGGCAGGACGAGGAGCGGGAGATCGAGGAGACGGCT	
8581	-----+-----+-----+-----+-----+-----+	8640
	ACCGGGCGGTGTGGCAGGTGCTCTCGGCCTTGGCTCGGTGGACAAGTCTTTCAGGCC	
8641	-----+-----+-----+-----+-----+-----+	8700
	GCAAGCGGGCCCGCTGGTGGCGCTCTCGGGTAAGGGCAGGGCGGGGAAGGTGGAGAGG	
8701	-----+-----+-----+-----+-----+-----+	8760
	CCCGAGAGGGTGTGGCGTTCATCGGGGAAGGAAGCGCTCCCCCGTGATGTAGATGTCC	
8761	-----+-----+-----+-----+-----+-----+	8820
	TTCAGGGGAACCTCAACTCCACCAGGAGATCACCGGAGCCTCGCCGGCAAGCTGGTCA	
8821	-----+-----+-----+-----+-----+-----+	8880
	GGCGCTCGCCCTGGGGCGGAAGTACCTGGAGAACTGGGCCAGGACGTGGCCCGGGTGG	
8881	-----+-----+-----+-----+-----+-----+	8940
	CGAAGGTGCTGGAGCAGCAGGTACGGCGATGGCGAGCGGGACCCCAAGGTGAAGGAAA	
8941	-----+-----+-----+-----+-----+-----+	9000
	AACCTGGGGAAACTCCTCGCCGCCCTGCAGGCCTTACCAGCGAGAGCGTGACGGAGGACG	
9001	-----+-----+-----+-----+-----+-----+	9060
	AAGCCATCTCATGCTGGTCCAGCACGCTCTCACCAAGCCATCTTCGACGCCCTCTTCG	
9061	-----+-----+-----+-----+-----+-----+	9120
	GGGAACCTCTAGAAAAGCGGGAGGACCCCGTTTTCCCGGGCCCTAGACGAACTCTTCCAGG	
9121	-----+-----+-----+-----+-----+-----+	9180
	AGTTCAGGGGGTCTCTGGACCGGGGAAGGGGAGGCCCTCAAGGATTCTACGAAGAGATGC	
9181	-----+-----+-----+-----+-----+-----+	9240
	GCCTCAAGGCCCTAGGGCTACGGACGAAGCCGAAAGGGCCGACTTCTACGAGGGCTCT	
9241	-----+-----+-----+-----+-----+-----+	9300

Fig. 7 (continued)

ACTCCAACCTCTTCGCCCCGGGCTTCCCCCAGGTGGCCGACCCAGGTGGGGATCGCCTACA	
9301	9360
CCCCGGTGGAGCTGGTGGACTTCCTGGTGAAGAGCGCAGACGAGCTGGCCAGGAAGCACT	
9361	9420
gTTGGCCGGGGCTCGATGGGGGAGAAGGTCCTCATCTGGAGCCCTTCGCCGGCACAGGC	
9421	9480
ACCTTGTTCACCCGAATCTGCACCGGTAGCCGAAAgGGGCGGGGCGACCGGTCAAG	
9481	9540
GGCAAGCTGGAGCGGGGGGAGATCTGGGCCAACGAGATCCTTCTCCTCCCTACTACGTC	
9541	9600
CTCAGGGCCAAACGTGGAGAACACCACCTGGCCCTGACCGGGGAGTACGTCCCTTCAAG	
9601	9660
GGGGCGTTCCTGGCGGACTCCTTCGGCTGGCGGAGCTGGGGTATAGCGAGAAAAAGTTTGG	
9661	9720
CATCATCCCGCTCTTCCCGGAAGAATACGGTGAGGCCCTGAACGAGCAGCTGAAGGCCCC	
9721	9780
TATCCAGGTTATCCTCTCCAAACCCCGTTCGGGCTTGGTTGGAGAAGGAGGGGAGGGG	
9781	9840
AAGAAGAACCCCGTCTACCGTAAGGTGCGGGAGCGGGTGGAGCCAACCTATGTACGGCGG	
9841	9900
GCCAAGGAACCTCCCATCGGGGGGACAAAACCCAAGGGAGAGAACCTGAACCTCCCTCTAC	
9901	9960
GACCAGTACATCCAGGCTTCGGGGTGGCGAGCGACCGTATCGGGGAGGAGGGGTCGTG	
9961	10020
GCCTTGTTCACCAACAACGGGTGGCTGGGGGGCGTAGTGCCCCGGGGCTTGGCGGCCTCT	
10021	10080
TTGGCGGAGGAGTTCGCCGAGGTGTACGCTCTACGACCTGAGGGGGGATGCGAGGGAGAAG	
10081	10140
GGGGAGGCACGGAAGAAGGAGGGGGGGGGGTCCTTGGACAGCCTTCCCGCGCCGGGGTC	
10141	10200
TGCCTCCTCCTCTGGTGAAGCGTAAGGACCACAAAGGGATCGGCAAGGTCCACCTCTAT	
10201	10260
CGGGTCGGGGACGGCCTCTCCCGGGAGGCCAAGCTGGCTCTGGTGAAGGAGCATGGCTCA	
10261	10320
GTCTCTGGGTTCCTTGGCAAGAGGTTCCTATGAAGAGTGGGTGGGGAGGCTTACCCCCG	
10321	10380
GGTTCCTCGGGATGTGTGTCCTGGACGAGGTCTTTGAGGTGCGGAGTTCTGGGGTGAAGA	
10381	10440
CCAACCGCGATGCCTACGCTCTTCAACCCCTCCCGGGCGGAGCTGGAGCGGCACATGAGGC	
10441	10500
GGCTCATCTCCACCTACAACGAGCACGTGAAAAGGAAAAAGAGGGGAACTAGGGGAAC	
10501	10560
TGGAAAAGGATGAGAGCATCATCAAGTGGGATAGGGAACCTCATCAGGTACCTAGAGTCCC	
10561	10620
TGAGGGAAGCTTCCTACGAAGGGAGCGGTCAAGTCTACGAGGCCCTCTACCGCCCCCTTCG	
10621	10680
TGCCTATGTACCTCTACCTCAGCCGCACTTTCAATAGCATGATTTACCAAATCCCCCGCA	
10681	10740
TCTGGCCCCACCCCGAGGCGGAGAACCTGGCCATCGCCGTGGCCGAAAGGGAGTAACG	
10741	10800
CTTTTAGCGCTGTGGCCACCAGGAGGGTGGTTGAOCTGCACCTTTATTTGAGACCACCCAGC	
10801	10860
TCTACCCCTTTTACCACTACCCCGAAAACAGCCCTCTGGGGGGACACCCAAAGCGCAAGC	
10861	10920
TCAACCTCAAGGAGGAGTTCTTGAAGGAAGCTTGGGGAGGTCTCGGCCGCCCGTTCCCC	
10921	10980
CCGAGGAGGCTTCGCTTACATCTACGCCGTGGTGAGCCACCCCTCTACGCCGAGCGCT	
10981	11040
TCGCCAAGGACCTCAAGATGGACCTCCCCCGCATTCCCCCTCCCCCAAGATCCCGAACTCT	
11041	11100
TTGCCAGGCTGGTGAAGGCGGGTCAAGAACTCATTCACCTCCACACCGAGTACGAGACCC	
11101	11160

